

Converting Colors

XYZ(30.9546, 29.7619, 31.3895)

Have a look what the booklet for
XYZ(30.9546, 29.7619, 31.3895)
contains.

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Color

**XYZ(31.0098, 29.7462,
31.3013)**

Conversions

Conversions Part 1

Format	Color
Hex	A88E92
RGB	168, 142, 146
RGB Percent	66%, 56%, 57%
CMY	0.3412, 0.4431, 0.4274
CMYK	0.00, 0.15, 0.13, 0.34
HSL	351°, 13%, 61%
HSV	351°, 15%, 66%
XYZ	31.0098, 29.7462, 31.3013
YIQ	150.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

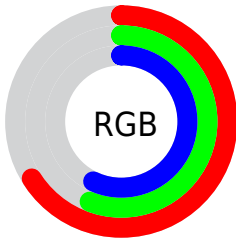
Format	Color
RYB	168, 142, 146
Decimal	11046546
CIELab	61.43, 10.44, 1.51
CIELCh	61, 10.549, 8.235
Yxy	29.7462, 0.3369, 0.3231
Android (android.graphics.Color)	4289236626 (0xFFA88E92)
YUV	150.2300, -2.0854, 15.5843
Hunter-Lab	54.5401, 6.0444, 4.1507

Details

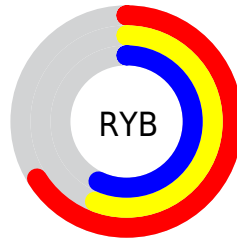
The XYZ color **31.0098, 29.7462, 31.3013** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8600, 36.4372, 40.4778**, and the grayscale version is **29.0922, 30.6072, 33.3313**.

A 20% lighter version of the original color is **60.5967, 59.3380, 62.9032**, and **13.1409, 12.2118, 12.7308** is the 20% darker color. If you saturate the color by 10%, you get **27.6582, 24.7039, 25.0629**, and if you desaturate by 10%, it is **34.8774, 35.5996, 38.3910**.

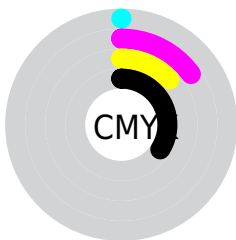
Distribution



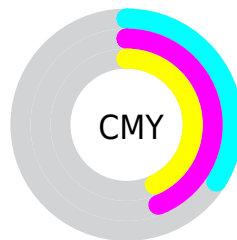
- Red (66%)
- Green (56%)
- Blue (57%)



- Red (66%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (34%)





- Cyan (34%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0098, 29.7462, 31.3013 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 31.0098, 29.7462, 31.3013 by changing the saturation by 10% instead.


 31.0098, 29.7462,
31.3013

 31.0098, 29.7462,
31.3013


298.4095,
300.7196, 322.3181

 20.7582, 19.6460,
20.5680


 60.6312, 59.2606,
62.7993

 13.0588, 12.1380,
12.6204


 80.7318, 79.4436,
84.4010

 7.5463, 6.8377,
7.0401


 104.8460,
103.7563, 110.4626

 3.8554, 3.3608,
3.4083

133.3392,
132.5831, 141.4027

 1.6207, 1.3229,
1.3067

166.5768,
166.3085, 177.6397

 0.4058, 0.1588,
0.0673

204.9242,

 0.0000, 0.0000,

205.3168, 219.5923

0.0000

248.7466,
249.9924, 267.6789

■ 31.0098, 29.7462,
31.3013

■ 31.0098, 29.7462,
31.3013

■ 27.6582, 24.7039,
25.0629

■ 34.8774, 35.5996,
38.3910

■ 24.7982, 20.4332,
19.6418

■ 39.2790, 42.2937,
46.3606

■ 22.4073, 16.8971,
15.0045

■ 44.2348, 49.8611,
55.2394

■ 20.4601, 14.0540,
11.1146

■ 49.7633, 58.3319,
65.0550

■ 18.9290, 11.8583,
7.9325

■ 55.8820, 67.7344,
75.8338

■ 17.7828, 10.2586,
5.4151

■ 62.6076, 78.0960,
87.6011

■ 16.9863, 9.1960,
3.5144

■ 68.4698, 86.4694,
99.8857

■ 16.4955, 8.5957,
2.1751

■ 69.9586, 87.0649,
107.7257

■ 16.3332, 8.3987,
1.7275

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.8363, 29.7462, 35.3196



31.0098, 29.7462, 31.3013



30.4312, 29.7462, 27.8657

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.0098, 29.7462, 31.3013



26.6460, 29.7462, 26.7247



27.2905, 29.7462, 40.0546

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.0098, 29.7462, 31.3013



31.8600, 36.4372, 40.4778

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.2191, 29.7462, 37.3761



31.0098, 29.7462, 31.3013



25.8556, 29.7462, 29.6244

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.0098, 29.7462, 31.3013



27.8906, 29.7462, 25.3690



25.7019, 29.7462, 33.5007



28.6586, 29.7462, 40.5964

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.0098, 29.7462, 31.3013



29.7077, 29.7462, 26.2898



25.7019, 29.7462, 33.5007



26.8850, 29.7462, 39.3643

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.0106, 29.7475, 31.3019



63.5769, 65.0361, 70.1887



31.9830, 30.0317, 41.1572



13.7471, 14.0084, 15.0980



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0106, 29.7475, 31.3019



53.8070, 50.2639, 52.2348



32.0450, 32.3051, 30.1394



7.5764, 7.5604, 8.0865



12.3467, 6.3474, 1.3714



0.3139, 0.1598, 0.1044

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.0106, 29.7475, 31.3019



53.8070, 50.2639, 52.2348



30.6799, 33.4901, 41.8934



7.5764, 7.5604, 8.0865



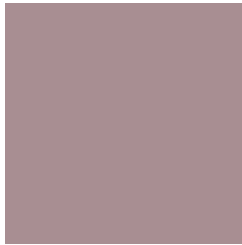
12.3467, 6.3474, 1.3714



0.3139, 0.1598, 0.1044

Previews

White Background



This preview shows how the XYZ color 31.0098, 29.7462, 31.3013 looks on a white background.

Color Contrast Check

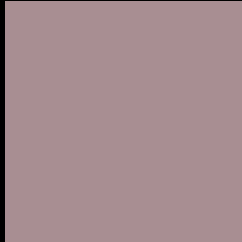
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 31.0098, 29.7462, 31.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0098, 29.7462, 31.3013

Background



This preview shows how black text looks on a background with the XYZ color 31.0098, 29.7462, 31.3013.



This preview shows how white text looks on a background with the XYZ color 31.0098, 29.7462,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.0098, 29.7462, 31.3013

Protanopia

28.7772, 29.9290, 32.6939

Deuteranopia

30.4714, 29.9144, 31.3622



Tritanopia

31.5546, 29.7518, 33.7853

Trichromacy



Original Color

31.0098, 29.7462, 31.3013

Protanomaly

29.5288, 29.8640, 32.2250

Deuteranomaly

30.5278, 29.7196, 31.3216

Tritanomaly

31.3921, 29.6868, 32.9297

Monochromacy



Original Color

31.0098, 29.7462, 31.3013

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.7632, 30.2055, 32.6953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0098, 29.7462, 31.3013 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 142, 146)` looks like.

```
.text, #text, p{  
    color:rgb(168, 142, 146)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 142, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 142, 146) }
```

Border

The CSS property to change the border of an element to XYZ 31.0098, 29.7462, 31.3013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

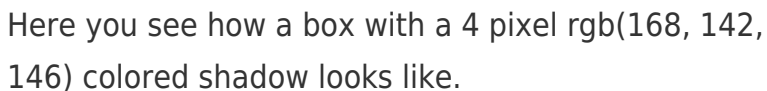
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 142, 146) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(168, 142, 146) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(168, 142, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 142, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 142, 146); box-shadow:4px 4px 4px 4px rgb(168, 142, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0098, 29.7462, 31.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 142, 146) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168,  
142, 146) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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